

SYSTEM AND METHOD FOR FAULT TOLERANCE IN MULTI-NODE SYSTEM

ABSTRACT OF THE DISCLOSURE

5 A method and system for promoting fault tolerance in a multi-node computing system that provides deadlock-free message routing in the presence of node and/or link faults using only two rounds and, thus, requiring only two virtual channels to ensure deadlock freedom. A lamb set of nodes for use in message routing is introduced, with each node in the lamb set being used only as points along message routes, and not for sending or receiving messages.